AMENDMENTS TO THE SPECIFICATION

Please amend the title as follows:

~~HEAT EXCHANGER WITH INCREASED HEAT TRANSFER EFFICIENCY AND A~~ LOW-COST METHOD OF FORMING ~~THE~~ A HEAT EXCHANGER WITH AN INCREASED HEAT TRANSFER EFFICIENCY

Please delete the third full paragraph on page 5.

Please delete the first paragraph on page 6.

Please amend the second paragraph on page 6 as follows:

~~The present invention also includes a~~ A method of forming a heat exchanger in accordance with a first embodiment is disclosed. The method includes ~~the step of~~ forming an air flow structure that has a top surface, a bottom surface, a width, a length, a first edge that runs along the width, and a second edge that runs along the width. In addition, the air flow structure includes a plurality of first grooves in the top surface, and a plurality of second grooves in the bottom surface. The first and second grooves extend along the length between the first and second edges. Each groove has a substantially uniform width from the first edge to the second edge.

Please amend the third paragraph on page 6 as follows:

The method also includes ~~the step of forming a plurality of first walls that are connected to the air flow structure. Each first wall extends from a section on a first side of a first groove to a section on a second opposing side of the first groove. A first wall and a first groove have substantially equal widths~~ forming a plurality of first walls connected to the air flow structure by placing the first edge in a mold, and introducing an elastomer into the mold.

Please insert the following after the third paragraph on page 6:

A method of forming an air flow structure in accordance with a second embodiment is disclosed. The air flow structure has a plurality of alternating ridges and grooves. Each ridge and groove has sidewalls that extend from a first end to a second end, a first opening at the first end, a second opening at the second end, and an elongated opening that extends from the first opening to the second opening.

The method comprises forming a first wall that is connected to the first end of the air flow structure to completely close each first opening of a plurality of ridges and grooves. The method also comprises forming a second wall that is connected to the second end of the air flow structure to completely close each second opening of a plurality of ridges and grooves.